



OFFICE OF ENVIRONMENTAL SERVICES

Water Discharge Permit

FINAL

AI 87051 / GEN20040001
GENERAL PERMIT NUMBER LAG380000

Discharge Category: Potable Water Treatment Plant General Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R.S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of the Act, this Louisiana Pollutant Discharge Elimination System (LPDES) General Permit is issued. This permit authorizes persons who meet the requirements of Part I.A herein and who have been approved by this Office to discharge to waters of the State: wastewater from filter backwash, clarifier blowdown, water softening, iron and manganese removal, and disinfection of source water at potable water treatment plants and the discharge of treated sanitary wastewaters from plant offices and warehouses located at these facilities in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III of this permit.

This permit shall become effective on *January 1, 2005*

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on *December 17, 2004*

Karen K. Gautreaux
Karen K. Gautreaux
Deputy Secretary

SECTION A. APPLICABILITY

Facilities covered by this general permit are those discharging wastewater from the production of potable water, where potable is defined as "suitable for drinking". Wastewater is a result of filter backwash, clarifier blowdown, water softening, iron and manganese removal, and disinfection of source water at potable water treatment plants that produce potable water for household and industrial consumption. This permit also includes the discharge of treated sanitary wastewater from plant offices and warehouses located at these sites.

All persons operating a source or conducting an activity that results in a wastewater discharge from a potable-water-producing facility are eligible for coverage under this general permit and will become permittees authorized to discharge upon written notification by this Office of coverage under this general permit. This permit covers only the potable water treatment plant facility and does not cover other activities associated with the distribution system such as line flushing from construction of additional distribution lines. Notice of Intent (NOI) to be covered under this general permit shall be made using Form H2O or other approved equivalent for each treatment site. The NOI form may be obtained by contacting (225) 219-3181 or at the following website <http://www.deq.louisiana.gov/permits/lpdes/index.htm>. Proposed facilities desiring coverage under this permit must submit an NOI at least ninety (90) days prior to commencement of discharge. Any permittee covered by an individual permit may request that the individual permit be canceled if the permitted source or activity is also eligible for coverage under this general permit. Upon approval by this Office, the permittee will be concurrently notified of coverage by this general permit and of the cancellation of the previous permit.

This general permit shall not apply to facilities:

1. which are likely to have adverse effects upon threatened or endangered species, or on the critical habitat for these species as determined by the U.S. Fish and Wildlife Service (USFWS),
2. which adversely affect properties listed or eligible for listing in the National Register of Historic Places, unless they are in compliance with requirements of the National Historic Preservation Act and any necessary activities to avoid or minimize impacts have been coordinated with the Louisiana State Historic Preservation Officer, *(If in doubt the operator should contact the Section 106 Coordinator, Office of Cultural Development, P. O. Box 44247, Baton Rouge, LA 70804 or telephone (225) 342-8170.)*
3. which involve the discharge of wastewater that is determined by this Office to present an environmental risk or potential risk of discharging pollutants other than is intended to be regulated by this permit,
4. producing discharges which cause or contribute to a violation of a state water quality standard,
5. producing discharges that are mixed with other, non-covered discharge types unless those other discharges are in compliance with another LPDES permit,
6. producing and/or receiving wastewater from sources other than those described above,
7. which discharge or have the potential to discharge substances that are not addressed by or

would not be adequately detected by the effluent limitations in this permit, or

8. required by the Louisiana Water Quality Management Plan to have more stringent effluent limitations.

This general permit may not apply to facilities:

1. not in compliance with a previously issued permit, or
2. which have previously been in violation of state water quality regulations, or
3. which are located in environmentally sensitive areas.

SECTION B. EFFLUENT LIMITATIONS

During the period beginning with the written notification of coverage under this permit and lasting through the expiration date of this general permit, all permittees covered under this general permit are authorized to discharge wastewater as specified in Appendix A of the cover letter granting authorization to discharge under this permit.

**SCHEDULE A: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR
POTABLE WATER TREATMENT PLANT FILTER BACKWASH, CLARIFIER
BLOWDOWN, WATER SOFTENING, IRON AND MANGANESE REMOVAL,
AND DISINFECTION OF SOURCE WATER
(RAW WATER FROM SURFACE WATERBODIES)**

The permittee should **refer to Appendix A** to determine the outfall number assigned to each discharge. Appendix A also indicates the effluent limitations page that applies to each outfall.

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	MONTHLY AVERAGE	DAILY MAXIMUM	MEASUREMENT FREQUENCY ²	SAMPLE TYPE
Flow (GPD)	Report	Report	1/month	Estimate
Total Suspended Solids ^{1,3}	30 mg/L	45 mg/L	1/month	Grab
Clarifying Agents Used ⁴	Report	Report	1/month	Inventory Calculations
Chlorides ^{1,5}	----	250 mg/L	1/3 months	Grab
Total Recoverable Iron ^{1,6}	---	Report	1/3 months	Grab
pH - Allowable Range (Standard Units)	6.0 (Minimum)	9.0 (Maximum)	1/month	Grab

¹ Limitations and monitoring requirements for TSS, Chlorides, and Total Recoverable Iron are not applicable to discharges comprised exclusively of water treatment clarifier sludge and/or clarifier blowdown (not combined with any other untreated waste source, including demineralizer and softener wastes), so long as the discharge is to the source stream.

² When discharging.

³ Unless notified by this Office, TSS monitoring from filter backwash, clarifier sludge, or clarifier blowdown (higher water content than sludge) is only required when it is discharged to a receiving water body that is different from the intake water body (so long as it is not combined with demineralizer and softener wastes). The permittee shall specify "N/R" (not required) on the DMR under the Remarks section if the conditions of this footnote are met.

⁴ Each type of Clarifying Agent used shall be listed separately on the Discharge Monitoring Report (DMR) along with the total amount used and the monthly average during the monitoring period. Additionally, a Material Safety Data Sheet for each clarifying agent used shall be kept on file at the plant.

- ⁵ The limitation for chlorides shall be applicable only if the source water is treated for hardness by an ion exchange process where a sodium chloride solution is used to recharge the zeolite and provided that the zeolite recharge and rinse wastewater is discharged. The permittee shall specify "N/R" (not required) on the DMR under the Remarks section if the conditions of this footnote are met.
- ⁶ Wastewater discharged as a result of iron and manganese removal from source water shall be monitored for Total Recoverable Iron if an iron removal treatment unit is used.

There shall be no discharge of floating solids or visible foam in other than trace amounts, or of free oil or other oily materials, or of toxic materials in quantities such as to cause acute toxicity to aquatic organisms. Furthermore, there shall be no visible sheen or stains attributable to this discharge, nor shall there be any accumulation of solids in the receiving stream which has the potential to negatively impact aquatic life or hinder natural drainage.

**SCHEDULE B: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR
POTABLE WATER TREATMENT PLANT FILTER BACKWASH, CLARIFIER
BLOWDOWN, WATER SOFTENING, IRON AND MANGANESE REMOVAL,
AND DISINFECTION OF SOURCE WATER
(RAW WATER FROM GROUNDWATER SOURCES)**

The permittee should refer to Appendix A to determine the outfall number assigned to each discharge. Appendix A also indicates the effluent limitations page that applies to each outfall.

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	MONTHLY AVERAGE	DAILY MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow (GPD)	-----	Report	1/month	Estimate
Total Suspended Solids ²	30 mg/L	45 mg/L	1/month	Grab
Clarifying Agents Used ³	Report	Report	1/month	Inventory Calculations
Chlorides ⁴	----	250 mg/L	1/3 months	Grab
Total Recoverable Iron ⁵	----	Report	1/3 months	Grab
pH - Allowable Range (Standard Units)	6.0 (Minimum)	9.0 (Maximum)	1/month	Grab

¹ When discharging.

² For the discharge of wastewater to the Mississippi, Atchafalaya, and Red rivers or any other receiving stream with a flow equal to or greater than the 7Q10 critical flow for the Red River at Shreveport (1,275 cfs), the monthly average shall be 90 mg/L and the daily maximum shall be 135 mg/L.

³ Each type of Clarifying Agent used shall be listed separately on the Discharge Monitoring Report (DMR) along with the total amount used and the monthly average during the monitoring period. Additionally, a Material Safety Data Sheet for each clarifying agent used shall be kept on file at the plant.

⁴ The limitation for chlorides shall be applicable only if the source water is treated for hardness by an ion exchange process where a sodium chloride solution is used to recharge the zeolite and provided that the zeolite recharge and rinse wastewater is discharged. The permittee shall specify "N/R" (not required) on the DMR under the Remarks section if the conditions of this footnote are met.

- ⁵ Wastewater discharged as a result of iron and manganese removal from source water shall be monitored for Total Recoverable Iron if an iron removal treatment unit is used.

There shall be no discharge of floating solids or visible foam in other than trace amounts, or of free oil or other oily materials, or of toxic materials in quantities such as to cause acute toxicity to aquatic organisms. Furthermore, there shall be no visible sheen or stains attributable to this discharge, nor shall there be any accumulation of solids in the receiving stream which has the potential to negatively impact aquatic life or hinder natural drainage.

SCHEDULE C: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS FOR TREATED SANITARY WASTEWATER DISCHARGES UNDER 5,000 GPD

The permittee should refer to Appendix A to determine the outfall number assigned to each discharge. Appendix A also indicates the effluent limitations page that applies to each outfall.

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	MONTHLY AVERAGE	WEEKLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow (GPD)	----	Report	1/6 months	Estimate
BOD ₅	----	45 mg/L	1/6 months	Grab
TSS ¹	----	45 mg/L	1/6 months	Grab
Fecal Coliform ^{2&3} Colonies/ 100 ml	----	400	1/6 months	Grab
pH - Allowable Range (Standard Units)	6.0 (Minimum)	9.0 (Maximum)	1/6 months	Grab

¹ For an oxidation pond the weekly average is 135 mg/L.

² If chlorination is chosen as a disinfection method see Part II, Section G.

³ If this discharge is located in an oyster propagation area, the weekly average Fecal Coliform limitation will be 43 colonies/100 ml. Instructions will be given in the cover letter of this permit if these more stringent fecal coliform limitations are required.

There shall be no discharge of floating solids or visible foam in other than trace amounts, or of free oil or other oily materials, or of toxic materials in quantities such as to cause acute toxicity to aquatic organisms. Furthermore, there shall be no visible sheen or stains attributable to this discharge. There shall be no accumulation of solids in the receiving stream which has the potential to negatively impact aquatic life or hinder natural drainage.

SECTION C. MONITORING REQUIREMENTS

1. All sampling and testing shall be conducted in accordance with EPA-approved methods, such as those in Standard Methods For the Examination of Water and Wastewater.
2. Samples will be taken at the monitoring points specified in Appendix A of this permit, and unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance.
3. Provisions must be made during the installation of the treatment unit for the ability to obtain a proper sample.
4. Proper sampling techniques shall be used to ensure that analytical results are representative of pollutants in the discharge.
5. If a discharge is found to be in violation of specified limits, the permittee will be subject to enforcement action, including civil penalties, and may be required to obtain an individual permit.
6. All monitoring records must be retained for a period of at least three (3) years from the date of the sample measurements. The permittee shall make available to this Office, upon request, copies of all monitoring data required by this permit.

Records of monitoring information shall include the following:

- a. date, exact place, and time of sampling or measuring;
 - b. individual(s) who performed the sampling or measurements;
 - c. date(s) and time(s) analyses were begun;
 - d. individual(s) who performed the analyses;
 - e. analytical techniques or methods used;
 - f. results of such analyses; and,
 - g. results of all Quality Control procedures.
7. The monitoring results must be reported on a Discharge Monitoring Report (DMR) form (EPA No. 3320-1 or an approved substitute). If there is a no discharge event at the monitored outfall(s) during the sampling period, add a box in the upper right corner of the DMR and insert an "X" in the box, along with the words "No Discharge" beside the box.

Monitoring results for Monitoring Frequency period (1/week, 1/month, 1/3 months, etc.) shall be summarized on a Discharge Monitoring Report (DMR) Form. Prepare one DMR per outfall for each reporting period (one DMR Form per month for sampling frequencies less than or equal to once per month, or one DMR Form per quarter for quarterly sampling frequencies) and submit on a quarterly basis. For outfall(s) with semiannual monitoring frequencies, DMR(s) must be submitted every six months. If more than one sample is obtained during the prescribed Measurement Frequency period, the results are averaged and reported on the DMR. DMR General Instruction Number 5 defines "Average" as the arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during the "Monitoring Period". Monitoring results obtained for a 1/month measurement frequency shall be entered on a separate DMR for each month but submitted quarterly. The schedules for quarterly

and semiannual DMR submission are as follows:

Quarterly Submission

Monitoring Period

January, February, March
April, May, June
July, August, September
October, November, December

DMR Due

April 28th
July 28th
October 28th
January 28th

Semiannual Submission

Monitoring Period

January - June
July - December

DMR Due

July 28th
January 28th

In accordance with LAC 33:IX.2503.B, DMRs must be signed and certified by an authorized person. Discharge Monitoring Reports and all other reports required by this Office shall be submitted to the Enforcement Division of the Office of Environmental Compliance, and to the appropriate regional office at the addresses in the Current Address List attached to the cover letter that grants authorization to discharge under this general permit. Mailing addresses are also posted on the LDEQ web page at www.deq.louisiana.gov under "office address/phone listing".

PART II DEFINITIONS AND OTHER REQUIREMENTS

The Permittee must comply with all applicable provisions of the Louisiana Water Quality Regulations including all standard conditions found in LAC 33:IX.2701. This Office has established the following definitions and requirements in accordance with those regulations. The definition of other terms may be found in the Louisiana Water Quality Regulations (LAC 33:IX.2313).

SECTION A. DEFINITIONS

1. Act: means Act 449 of the 1979 Louisiana Legislature which established Section 2001, et seq. of Title 30 of the Louisiana Revised Statutes of 1950 and any subsequent amendment to these Sections.
2. Biochemical Oxygen Demand (BOD₅): means the amount of oxygen required by bacteria during the decay of organic and nitrogenous material.
3. Clarifier Blowdown: means water discharged from a clarifier for the purpose of reducing the suspended solids concentration.
4. Clarifier Sludge: sludge from the clarifier that has less water content than clarifier blowdown that is discharged for the purpose of removing solids from the bottom of the clarifier. Same as clarifier blowdown with less water content.
5. Daily Discharge: means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day. "Daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that sampling day.
6. Daily Maximum: discharge limitation means the highest allowable "daily discharge" during the calendar month.
7. Discharge: when used without qualification means the "discharge of a pollutant."
8. Discharge Monitoring Report (DMR): The form used (including any subsequent additions, revisions, or modifications) to report self-monitoring results of effluent discharges by NPDES permittees and permittees in delegated states. EPA Form 3320-1 is the DMR form that must be used by permittees in the state of Louisiana (LPDES permittees) to report self-monitoring results.
9. Effluent: wastewater discharged to the waters of the state.

10. Effluent limitations: any applicable state or federal quality or quantity limitation which imposes any restriction or prohibition on quantities, discharge rates, and concentrations of pollutants which are discharged into the waters of the state.
11. Facility: means a pollution source, or any public or private property or site and all contiguous land and structures, other appurtenances and improvements, where any activity is conducted which discharges or may result in the discharge of pollutants into waters of the State.
12. Fecal coliform: means a gram negative, non-spore forming, rod-shaped bacteria found in the intestinal tract of warm-blooded animals.
13. Filter Backwash: means water from the reverse flow through a filter used to unclog or clean the filter media.
14. General Permit: an LPDES permit authorizing a category of similar discharges within a geographical area.
15. GPD: means gallons per day.
16. Grab Sample: means an individual sample collected in less than 15 minutes.
17. Iron and Manganese Removal Wastewater: means wastewater from the backwashing of filters after oxidizing chemicals have been added to the source water to precipitate iron and manganese. Also the water discharge from the dewatering of lime or lime and soda ash sludge used to remove iron and manganese.
18. Material Safety Data Sheet: means a compilation of information required under the OSHA Communication Standard on the identity of hazardous chemicals, health, and physical hazards, exposure limits, and precautions.
19. mg/L: means milligrams per liter; it is essentially equivalent to parts per million in dilute aqueous solutions.
20. Monthly Average: other than for fecal coliform bacteria, means the highest allowable arithmetic mean of the "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. The monthly average for fecal coliform bacteria is the geometric mean of the "daily discharges" over a calendar month.
21. MSDS: see Material Safety Data Sheet.
22. Office: means the Office of Environmental Services within the Department of Environmental Quality.
23. Operator: means the person or legal entity responsible for the operation and/or maintenance of a facility with a discharge covered by the Title 33 regulations.

24. Outfall: means the point at which wastewater or storm water from a facility is monitored prior to mixing with other waters. An outfall can be identified either at the point that effluent or storm water discharges by pipe from a treatment plant or treatment system or the point at which the effluent or storm water discharges into a drainage ditch on the property, into a roadside ditch, into a storm drain, or directly into a receiving water body such as a creek, coulee, bayou, canal or river.
25. Pollutant: means any substance introduced into the waters of the state by any means that would tend to degrade the chemical, physical, biological, or radiological integrity of such environment.
26. Process Wastewater: means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.
27. Sanitary Wastewater: means treated or untreated wastewaters which contain human metabolic and domestic wastes.
28. Secretary: means the Secretary of the Louisiana Department of Environmental Quality (LDEQ).
29. Standard Methods: means Standard Methods for the Examination of Water and Wastewater, American Public Health Association, Washington, DC.
30. State Administrative Authority: means the Secretary of the Department of Environmental Quality or his designee or the appropriate assistant secretary or his designee.
31. Total Suspended Solids (TSS): means the amount of solid material suspended in water commonly expressed as a concentration in terms of mg/L.
32. Unauthorized Discharge: means a continuous, intermittent or one-time discharge, whether intentional or unintentional, anticipated or unanticipated, from any permitted or unpermitted source which is in contravention of any provision of the Louisiana Environmental Quality Act (R.S. 30:2001 et seq.) or of any permit terms and conditions, or of any applicable regulation, compliance schedule, variance, or exception of the administrative authority.
33. Waters of the State: means both the surface and underground waters within the state of Louisiana including all rivers, streams, lakes, estuaries, ground waters and all other water courses and waters within the confines of the state, and all bordering waters and the Gulf of Mexico. "Waters of the state" does not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the Clean Water Act, 33 U.S.C. 1251, et seq.
34. Water Softening Wastewater: means water discharged from the recharging of the zeolite media with a brine solution in an ion exchange column used to soften water. Also the water discharged from the dewatering of lime or lime and soda ash sludge used to soften water.

35. *Weekly Average*: other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week. The weekly average for fecal coliform bacteria is the geometric mean of the daily discharges over a calendar week.

SECTION B. COMPLIANCE SCHEDULE

The permittee shall be in compliance with the effluent limitations and monitoring requirements specified above on the date of authorization of coverage under this general permit. If a discharge is found to be in violation of specified limits, the permittee will be subject to enforcement action, including civil penalties, and may be required to obtain an individual permit.

SECTION C. PROPERTY RIGHTS

Authorization to discharge pursuant to the conditions of this permit does not relieve the permittee of any liability for damages to state waters or private property. For discharges to private land, the permittee should obtain approval from the landowner for appropriate easements and rights of way.

SECTION D. FACILITY CHANGES

The authorization to discharge in accordance with this general permit may be terminated at the discretion of this Office if a change or alteration of the permitted facility, or process(es), occurs that affects or has the potential to affect the discharge rate or composition of the effluent. Prior to any such change in the rate or composition of effluent from an outfall covered by this general permit, the permittee must submit notification (Form H2O) to this Office and receive from this Office authorization to discharge at that increased rate or changed composition.

SECTION E. TERMINATION OF AUTHORIZATION TO DISCHARGE

This Office reserves the right to revoke the authorization to discharge in accordance with this general permit as it applies to any person and/or require such person to apply for and obtain an individual permit if:

1. the covered source or activity is a significant contributor to pollution or creates other environmental problems;
2. the permittee is not in compliance with the terms and conditions of this general permit;
3. conditions or standards have changed so that the source or activity no longer qualifies for this general permit; or
4. the discharge limitations contained in this permit are not in accordance with the Water Quality Management Plan.

SECTION F. REMOVED SUBSTANCES

Solids, sludges, biosolids, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters, shall be properly disposed of in compliance with applicable state laws, regulations, and permit requirements, and in a manner such as to prevent any pollutant from such materials from entering the waters of the state.

SECTION G. SANITARY DISCHARGE

Future water quality studies may indicate potential toxicity from the presence of residual chlorine in the treatment facility's effluent. Therefore, the permittee is hereby advised that a future Total Residual Chlorine Limit may be required if chlorine is used as a method of disinfection. In many cases, this becomes a NO MEASURABLE Total Residual Chlorine limit. If such a limit were imposed, the permittee would be required to provide for dechlorination of the effluent prior to discharge. Please be aware, concentrations of Total Residual Chlorine above 0.01 mg/L can cause or contribute to significant toxicity in receiving streams and biomonitoring testing. It is the permittee's responsibility to assure that no Total Residual Chlorine remains in the effluent after dechlorination in order to prevent toxicity in the receiving stream.

The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain water quality integrity and the designated uses of the receiving water bodies based upon water quality studies.

These studies may indicate the need for more advanced wastewater treatment. Studies of similar dischargers and receiving water bodies have resulted in monthly average effluent limitations of 5 mg/l CBOD₅ and 2 mg/l NH₃-N. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

SECTION H. PERMIT REOPENER CLAUSE

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2905, 2907, 3105 and 6509. The filing of a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. This Office reserves the right to reopen and modify this permit to conform with those standards necessary to maintain the water quality in order to support designated uses of the receiving water bodies.

SECTION I. OTHER DISCHARGES

This permit does not in any way authorize the permittee to discharge a pollutant not listed or quantified in the notice of intent or as otherwise authorized in the permit. **Any runoff leaving the site, other than the permitted outfalls, exceeding 50 mg/l Total Organic Carbon (TOC), 15 mg/l Oil and Grease, or having a pH less than 6.0 or greater than 9.0 standard units shall be a violation of this permit.** A visual inspection of the facility shall be conducted and a report made annually in accordance with the conditions listed below to determine if any discharges other than those covered under this permit exist. If other discharges are discovered, a permit modification request shall be submitted immediately upon discovery.

1. The permittee shall conduct an annual inspection of the facility site to identify any process(es) wastewater and storm water discharges from the facility that are not covered under this permit. Storm water discharges shall be evaluated to determine if pollution prevention practices are adequate or need to be initiated in order to reduce pollutant loading.
2. The permittee shall maintain for a period of three years a record summarizing the results of the inspection and a certification that the facility is in compliance with this permit and identifying any incidents of noncompliance. The summary report should contain, at a minimum, the date and time of inspection, name of inspector(s), conditions found, and changes to be made to the operation methods at the site in order to obtain or maintain compliance.
3. The summary report and the following certification shall be signed in accordance with LAC 33:IX.2503. The summary report is to be retained by the facility and provided to this Office upon request.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signatory requirements for the certification may be found in Part III, Section D.10 of this permit.

SECTION J. STATE WATER QUALITY STANDARDS

LAC 33:IX.1113 describes numerical and general criteria that apply to all water bodies of the State. Criteria are elements of the water quality which set limitations on the permissible amounts of a substance or other characteristics of state waters. The General Criteria, as described in the Louisiana Administrative Code, limit discharges to maintain aesthetics, color, turbidity, the biologic and aquatic community integrity, and many other elements in the receiving waterbody. Any excursion of the Numerical or General Criteria which results from this facility's discharge shall be a violation of this permit.

To comply with the requirements of LAC 33:IX.2317.A.9, this permit does not authorize any discharge from a facility which is classed as a new source or new discharge, as defined at LAC 33:IX.2313, if the discharge will cause or contribute to the violation of water quality standards. Discharges from facilities permitted under LPDES general permits typically consist of low volume flows, and discharges that are intermittent in nature. This general permit is applicable to very specific types of facilities and allows very limited types of discharges that specifically occur at facilities that are eligible for coverage under this permit. The effluent limitations and other conditions are determined to be sufficient to assure protection to state waters. New source discharges or new discharges of wastewater from a facility whose discharges are in compliance with the general permit requirements should not adversely impact water quality of 303(d) listed impaired

water bodies nor should they cause or contribute to the violation of state water quality standards in receiving water bodies throughout the state, including 303(d) impaired water bodies. Allowing permit coverage under this general permit will not negatively impact the water quality of receiving streams because permitted facilities are required to be in compliance with the general permit requirements immediately upon coverage by the permit. In accordance with Part II.H and II.O.1 measures can be taken by the permitting authority to prohibit any discharge that is not protective of state water quality standards.

SECTION K. PROHIBITIONS

There shall be no discharge of lime, limy waste, or other solids to the receiving stream in accordance with LAC 33:IX.1113.B.1 (aesthetics; floating, suspended solids, and settleable solids; turbidity; foaming and frothing materials). However, the discharge of clarifier sludge waste, clarifier blowdown (higher water content than sludge), or reverse osmosis membrane backwash that is returned to the waterbody from which it came will be allowed provided it has not been combined with any other untreated waste source, including demineralizer and softener wastes, does not impact the water quality of the receiving stream, and is approved by this Office.

SECTION L. ZEBRA MUSSEL TREATMENT

This permit does not cover the discharge of wastewater from zebra mussel treatment processes. Please contact this Office to obtain the necessary application or NOI for coverage to discharge this wastewater.

SECTION M. CONTINUATION OF EXPIRED GENERAL PERMIT

This permit expires five years after the effective date. Should this permit expire before it is reissued, this Office will administratively extend the permit to discharge, for permittees that were covered prior to the expiration, until such time that a new general permit is issued. Upon reissuance or replacement of this permit, the permittee must comply with the requirements for obtaining coverage under the new permit to maintain authorization to discharge.

SECTION N. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

SECTION O. REQUIRING AN INDIVIDUAL PERMIT OR AN ALTERNATIVE GENERAL PERMIT

1. The State Administrative Authority may require any person authorized by this permit to apply for and/or obtain either an individual LPDES permit or an alternative LPDES general permit. Any interested person may petition the State Administrative Authority to take action under this paragraph. Where the State Administrative Authority requires a discharger authorized to discharge under this permit to apply for an individual LPDES permit, the State Administrative Authority shall notify the discharger in writing that a permit application is required. This notification shall include a brief statement of the reasons for this decision, an application form, a statement setting a deadline for the discharger to file the application, and a statement that on the effective date of issuance or denial of the

individual LPDES permit or the alternative general permit as it applies to the individual permittee, coverage under this general permit shall automatically terminate. The State Administrative Authority may grant additional time to submit the application upon request of the applicant. If a discharger fails to submit in a timely manner an application as required by the State Administrative Authority under this paragraph, then the applicability of this permit to the permittee is automatically terminated at the end of the day specified by the State Administrative Authority for application submittal.

2. Any discharger authorized by this permit may request to be excluded from the coverage of this permit by applying for an individual permit. In such cases, the permittee shall submit an individual application in accordance with the requirements of LAC 33:IX.2515.B.3.c., with reasons supporting the request, to the State Administrative Authority at the Louisiana Department of Environmental Quality, Office of Environmental Services, P. O. Box 4313, Baton Rouge, LA 70821-4313, ATTN: Permits Division. The request may be granted by issuance of an individual permit or an alternative general permit if the reasons cited by the permittee are adequate to support the request.
3. In order to appropriately cover all discharges that might occur at a facility, a permittee authorized to discharge under this LPDES permit might also need coverage under an individual LPDES permit or other LPDES general permits for discharges that occur at the facility/site that are not authorized by this general permit. The permittee shall maintain appropriate permit coverage for the permitted facility/site and shall maintain compliance with all effective LPDES permits issued to the facility/site.
4. When an individual LPDES permit is issued to cover discharges otherwise subject to this permit, or the discharges are authorized under an alternative LPDES general permit, the applicability of this permit to that LPDES discharge is automatically terminated on the effective date of the individual permit or the date of authorization of coverage under the alternative general permit, whichever the case may be. **When an individual LPDES permit is denied to an owner or operator otherwise subject to this permit, or the owner or operator is denied for coverage under an alternative LPDES general permit, the applicability of this permit to the individual LPDES permittee is automatically terminated on the date of such denial, unless otherwise specified by the State Administrative Authority.**

SECTION P. STATE ENVIRONMENTAL LAWS

1. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation.
2. No condition of this permit shall release the permittee from any responsibility or requirements under other environmental statutes or regulations.

SECTION Q. 24-HOUR ORAL REPORTING: DAILY MAXIMUM LIMITATION VIOLATIONS

Under the provisions of Part III.D.6.b and 6.c of this permit, violations of daily maximum limitations for the following pollutants shall be reported orally to the Office of Emergency Response (225-219-3640) during work hours or by e-mail utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance within 24 hours from the time the permittee becomes aware of the violation followed by a written report within seven days.

Pollutants: None

SECTION R. SECONDARY CONTAINMENT

For chemical storage, all storage tank installations (with a capacity greater than 660 gallons for an individual container, or 1,320 gallons for two or more containers in aggregate within a common storage area) shall be constructed so that a secondary means of containment is provided for the entire contents of the largest tank plus sufficient freeboard to allow for precipitation. Diked areas should be sufficiently impervious to contain spills. (LAC 33:IX.907.F.1)

PART III
STANDARD CONDITIONS FOR LPDES PERMITS

SECTION A. GENERAL CONDITIONS

1. Introduction

In accordance with the provisions of LAC 33:IX.2701, et. seq., this permit incorporates either expressly or by reference ALL conditions and requirements applicable to Louisiana Pollutant Discharge Elimination System Permits (LPDES) set forth in the Louisiana Environmental Quality Act (LEQA), as amended, as well as ALL applicable regulations.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and the Louisiana Environmental Quality Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Penalties for Violation of Permit Conditions

- a. LA. R. S. 30:2025 provides for civil penalties for violations of these regulations and the Louisiana Environmental Quality Act. LA. R. S. 30:2076.2 provides for criminal penalties for violation of any provisions of the LPDES or any order or any permit condition or limitation issued under or implementing any provisions of the LPDES program. (See Section E. Penalties for Violation of Permit Conditions for additional details).
- b. Any person may be assessed an administrative penalty by the State Administrative Authority under LA. R. S. 30:2025 for violating a permit condition or limitation implementing any of the requirements of the LPDES program in a permit issued under the regulations or the Louisiana Environmental Quality Act.

4. Toxic Pollutants

- a. Other effluent limitations and standards under Sections 301, 302, 303, 307, 318, and 405 of the Clean Water Act. If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, the state administrative authority shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the toxic effluent standard or prohibition.
- b. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions, or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.

5. Duty to Reapply

- a. Individual Permits. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The new application shall be submitted at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the state administrative authority. (The state administrative authority shall not grant permission for applications to be submitted later than the expiration date of the existing permit.) Continuation of expiring permits shall be governed by regulations promulgated at LAC 33:IX.2321 and any subsequent amendments.
- b. General Permits. General permits expire five years after the effective date. Unless otherwise specified in the general permit, or notified by the Secretary or his designee, a permittee must submit an NOI/application for the permitted activity.

6. Permit Action

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2905, 2907, 3105 and 6509. The causes may include, but are not limited to, the following:

- a. Noncompliance by the permittee with any condition of the permit;
- b. The permittee's failure in the application or during the permit issuance process to disclose fully all relevant acts, or the permittee's misrepresentation of any relevant facts at any time;
- c. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;
- d. A change in any condition that requires either a temporary or a permanent reduction or elimination of any discharge; or
- e. Failure to pay applicable fees under the provisions of LAC 33: IX. Chapter 13;
- f. Change of ownership or operational control;

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information

The permittee shall furnish to the state administrative authority, within a reasonable time, any information which the state administrative authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the state administrative authority, upon request, copies of records required to be kept by this permit.

9. Criminal and Civil Liability

Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of the permit, the Act, or applicable regulations, which avoids or effectively defeats the regulatory purpose of the Permit may subject the Permittee to criminal enforcement pursuant to La. R.S. 30:2025.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

12. Severability

If any provision of these rules and regulations, or the application thereof, is held to be invalid, the remaining provisions of these rules and regulations shall not be affected, so long as they can be given effect without the invalid provision. To this end, the provisions of these rules and regulations are declared to be severable.

13. Dilution

A permittee shall not achieve any effluent concentration by dilution unless specifically authorized in the permit. A permittee shall not increase the use of process water or cooling water or otherwise attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve permit limitations or water quality.

SECTION B. PROPER OPERATION AND MAINTENANCE**1. Need to Halt or Reduce not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

3. Proper Operation and Maintenance

a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

b. The permittee shall provide an adequate operating staff which is duly qualified to carry out operation, maintenance and other functions necessary to ensure compliance with the conditions of this permit.

4. Bypass of Treatment Facilities

a. **Bypass**. The intentional diversion of waste streams from any portion of a treatment facility.

b. **Bypass not exceeding limitations**. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Section B.4.c. and 4.d of these standard conditions.

c. **Notice**

(1) **Anticipated bypass**. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Office of Environmental Services, Permits Division, if possible at least ten days before the date of the bypass.

(2) **Unanticipated bypass**. The permittee shall submit notice of an unanticipated bypass as required in LAC 33:IX.2701.L.6, (24-hour notice) and Section D.6.e. of these standard conditions.

d. **Prohibition of bypass**

(1) Bypass is prohibited, and the state administrative authority may take enforcement action against a permittee for bypass, unless:

(a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,

(c) The permittee submitted notices as required by Section B.4.c of these standard conditions.

- (2) The state administrative authority may approve an anticipated bypass after considering its adverse effects, if the state administrative authority determines that it will meet the three conditions listed in Section B.4.d(1) of these standard conditions.

5. Upset Conditions

- a. Upset. An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section B.5.c. are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated; and
 - (3) The permittee submitted notice of the upset as required by LAC 33:IX.2701.L.6.b.ii. and Section D.6.e.(2) of these standard conditions; and
 - (4) The permittee complied with any remedial measures required by Section B.2 of these standard conditions.
- d. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. Removed Substances

Solids, sewage sludges, filter backwash, or other pollutants removed in the course of treatment or wastewater control shall be properly disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the state and in accordance with environmental regulations.

7. Percent Removal

For publicly owned treatment works, the 30-day average percent removal for Biochemical Oxygen Demand and Total Suspended Solids shall not be less than 85 percent in accordance with LAC 33:IX.5905.A.3. and B.3.

SECTION C. MONITORING AND RECORDS**1. Inspection and Entry**

The permittee shall allow the state administrative authority, or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by the law to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.

Enter upon the permittee's premises where a discharge source is or might be located or in which monitoring equipment or records required by a permit are kept for inspection or sampling purposes. Most inspections will be unannounced and should be allowed to begin immediately, but in no case shall begin more than thirty (30) minutes after the time the inspector presents his/her credentials and announces the purpose(s) of the inspection. Delay in excess of thirty (30) minutes shall constitute a violation of this permit. However, additional time can be granted if the inspector or the Administrative Authority determines that the circumstances warrant such action; and

- b. Have access to and copy, at reasonable times, any records that the department or its authorized representative determines are necessary for the enforcement of this permit. For records maintained in either a central or private office that is open only during normal office hours and is closed at the time of inspection, the records shall be made available as soon as the office is open, but in no case later than the close of business the next working day;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Louisiana Environmental Quality Act, any substances or parameters at any location.

- e. **Sample Collection**

- (1) When the inspector announces that samples will be collected, the permittee will be given an additional thirty (30) minutes to prepare containers in order to collect duplicates. If the permittee cannot obtain and prepare sample containers within this time, he is considered to have waived his right to collect duplicate samples and the sampling will proceed immediately. Further delay on the part of the permittee in allowing initiation of the sampling will constitute a violation of this permit.

- (2) At the discretion of the administrative authority, sample collection shall proceed immediately (without the additional 30 minutes described in Section C.1.a. above) and the inspector shall supply the permittee with a duplicate sample.

- f. It shall be the responsibility of the permittee to ensure that a facility representative familiar with provisions of its wastewater discharge permit, including any other conditions or limitations, be available either by phone or in person at the facility during all hours of operation. The absence of such personnel on-site who are familiar with the permit shall not be grounds for delaying the initiation of an inspection except in situations as described in Section C.1.b. of these standard conditions. The permittee shall be responsible for providing witnesses/escorts during inspections. Inspectors shall abide by all company safety rules and shall be equipped with standard safety equipment (hard hat, safety shoes, safety glasses) normally required by industrial facilities.

- g. Upon written request copies of field notes, drawings, etc., taken by department personnel during an inspection shall be provided to the permittee after the final inspection report has been completed.

2. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples shall be taken at the outfall location(s) indicated in the permit. The state administrative authority shall be notified prior to any changes in the outfall location(s). Any changes in the outfall location(s) will be subject to modification, revocation and reissuance in accordance with LAC 33:IX.2903.

3. Retention of Records

Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the state administrative authority at any time.

4. Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The time(s) analyses were begun and ended
- e. The individual(s) who performed the analyses;
- f. The analytical techniques or methods used;
- g. The results of such analyses; and
- h. The results of all quality control procedures.

5. Monitoring Procedures

- a. Monitoring results must be conducted according to test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use or disposal, approved under 40 CFR part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR part 503, unless other test procedures have been specified in this permit. This includes procedures contained in the latest EPA approved edition of the following publications:

(1) "Standard Methods for the Examination of Water and Waste Water". This publication is available from the American Public Health Association, Publication Sales, P. O. Box 753, Waldorf, MD 20604-0573, Phone number (301) 893-1894, Fax number (301) 843-0159.

(2) "Annual Book of Standards, Vols 1101-1103, Water I, Water II, and Atmospheric Analysis". This publication is available from the American Society for Testing Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, Phone number (610) 832-9500.

(3) "Methods for Chemical Analysis of Water and Wastes, Revised, March 1983," U.S. Environmental Protection Agency, Analytical Quality Control Laboratory, Cincinnati, Ohio. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-84-128677.

- b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy of measurements and shall maintain appropriate records of such activities.

- c. An adequate analytical quality control program, including the analyses of sufficient standards, spikes, and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory. General sampling protocol shall follow guidelines established in the "Handbook for Sampling and Sample Preservation of Water and Wastewater, 1982" U.S. Environmental Protection Agency. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-83-124503. General laboratory procedures including glassware cleaning, etc. can be found in the "Handbook for Analytical Quality Control in Water and Wastewater Laboratories, 1979," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. This publication is available from the Environmental Protection Agency, Phone number (513) 569-7562. Order by EPA publication number EPA-600/4-79-019.

6. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "A Guide to Methods and Standards for the Measurement of Water Flow, 1975," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number COM-75-10683.
- b. "Flow Measurement in Open Channels and Closed Conduits, Volumes 1 and 2," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Service (NTIS), Springfield, VA, 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-273 535.
- c. "NPDES Compliance Flow Measurement Manual," U.S. Environmental Protection Agency, Office of Water Enforcement. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-82-131178.

7. Prohibition for Tampering: Penalties

- a. LA R.S. 30:2025 provides for punishment of any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit.
- b. LA R.S. 30:2076.2 provides for penalties for any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non compliance.

8. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use and disposal, approved under 40 CFR part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the state administrative authority.

9. Averaging of Measurements

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the state administrative authority in the permit.

10. Laboratory Accreditation

- a. LAC 33:1. Subpart 3, Chapters 45-59 provide requirements for an accreditation program specifically applicable to commercial laboratories, wherever located, that provide chemical analyses, analytical results, or other test data to the department, by contract or by agreement, and the data is:

- (1) Submitted on behalf of any facility, as defined in R.S.30:2004;
- (2) Required as part of any permit application;
- (3) Required by order of the department;
- (4) Required to be included on any monitoring reports submitted to the department;
- (5) Required to be submitted by contractor
- (6) Otherwise required by department regulations.

- b. The department laboratory accreditation program is designed to ensure the accuracy, precision, and reliability of the data generated, as well as the use of department-approved methodologies in generation of that data. Laboratory data generated by commercial environmental laboratories that are not accredited under these regulations will not be accepted by the department. Retesting of analysis will be required by an accredited commercial laboratory.

Where retesting of effluent is not possible (i.e. data reported on DMRs for prior month's sampling), the data generated will be considered invalid and in violation of the LPDES permit.

- c. Regulations on the Environmental Laboratory Accreditation Program and a list of labs that have applied for accreditation, are available on the department website located at:

<http://www.deq.state.la.us/laboratory/index.htm>.

Questions concerning the program may be directed to (225) 765-0582.

SECTION D. REPORTING REQUIREMENTS**1. Facility Changes**

The permittee shall give notice to the state administrative authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under LAC 33:IX.2703.A.1.
- c. For Municipal Permits. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Section 301, or 306 of the CWA if it were directly discharging those pollutants; and any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.

2. Anticipated Noncompliance

The permittee shall give advance notice to the state administrative authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit is not transferable to any person except after notice to the state administrative authority. The state administrative authority may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act or the Louisiana Environmental Quality Act. (See LAC 33:IX.2901; in some cases, modification or revocation and reissuance is mandatory.)

- a. Transfers by modification. Except as provided in LAC 33: IX.2901.B, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued (under LAC 33:IX.2903. A.2.b), or a minor modification made (under LAC 33:IX.2905) to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act and the Louisiana Environmental Quality Act.
- b. Automatic transfers. As an alternative to transfers under LAC 33:IX.2901.A, any LPDES permit may be automatically transferred to a new permittee if:
 - (1) The current permittee notifies the state administrative authority at least 30 days in advance of the proposed transfer date in Section D.3.b.(2) below;
 - (2) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them;
 - (3) The state administrative authority does not notify the existing permittee and the proposed new permittee of his or her intent to modify or revoke and reissue the permit. A modification under this subsection may also be a minor modification under LAC 33:IX.2905. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in Section D.3.b.(2) of these standard conditions.

4. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified in Part I or Part II of this permit.

The permittee shall submit properly completed Discharge Monitoring Reports (DMRs) on the form specified in the permit. Preprinted DMRs are provided to majors/92-500's and other designated facilities. Please contact the Permit Compliance Unit concerning preprints. Self-generated DMRs must be pre-approved by the Permit Compliance Unit prior to submittal. Self-generated DMRs are approved on an individual basis. Requests for approval of self-generated DMRs should be submitted to:

Supervisor, Permit Compliance Unit
Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, LA 70821-4312

Copies of blank DMR templates, plus instructions for completing them, and EPA's LPDES Reporting Handbook are available at the department website located at:

<http://www.deq.state.la.us/enforcement/index.htm>

5. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

6. Requirements for Notification**a. Emergency Notification**

As required by LAC 33:I.3915, in the event of an unauthorized discharge that does cause an emergency condition, the discharger shall notify the hotline (DPS 24-hour Louisiana Emergency Hazardous Materials Hotline) by telephone at (225) 925-6595 (collect calls accepted 24 hours a day) immediately (a reasonable period of time after taking prompt measures to determine the nature, quantity, and potential off-site impact of a release, considering the exigency of the circumstances), but in no case later than one hour after learning of the discharge. (An emergency condition is any condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water, or air environment, or cause severe damage to property.) Notification required by this section will be made regardless of the amount of discharge. Verbal Notification Procedures are listed in Section D.6.c. of these standard conditions.

A written report shall be provided within seven calendar days after the telephone notification. The report shall contain the information listed in Section D.6.d. of these standard conditions and any additional information in LAC 33:I.3925.B.

b. Prompt Notification

As required by LAC 33:I.3917, in the event of an unauthorized discharge which exceeds reportable quantity specified in LAC 33:I. Subchapter E, but does not cause an emergency condition, the discharger shall notify the Office of Environmental Compliance by e-mail utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance or by telephone within 24 hours after learning of the discharge. Otherwise, verbal notification should be made to the Office of Environmental Compliance at (225) 219-3640 during office hours or (225) 342-1234 after hours, weekends, and holidays.

- c. Information for Verbal Notifications. The following guidelines will be utilized as appropriate, based on the conditions and circumstances surrounding any unauthorized discharge, to provide relevant information regarding the nature of the discharge:
- (1) name of person making the notification and telephone number where any return calls from response agencies can be placed;
 - (2) name and location of facility or site where the unauthorized discharge is imminent or has occurred using common landmarks. In the event of an incident involving transport, include the name and address of transporter and generator;
 - (3) date and time the incident began and ended, or estimated time of continuation if discharge is continuing;
 - (4) extent of any injuries and identification of any known personnel hazards which response agencies may face;
 - (5) common or scientific chemical name, U.S. Department of Transportation hazard classification, and best estimate of amounts of any and all discharged pollutants;
 - (6) brief description of the incident sufficient to allow response agencies to formulate level and extent of response activity.
- d. Written Notification Procedures. Written reports for any unauthorized discharge that requires verbal notification under Section D.6.a. or 6.b., or that requires written notification under LAC 33:1.3925, will be submitted by the discharger to the department in accordance with this section within seven calendar days after the telephone notification. Written notification reports will include, but are not limited to, the following information:
- (1) name of person, company, or other party who is filing the written report;
 - (2) time and date of verbal notification, name of person making the notification, and identification of the site or facility, vessel, transport vehicle, or storage area from which the unauthorized discharge occurred;
 - (3) date(s), time(s), and duration of the unauthorized discharge and, if not corrected, the anticipated time it is expected to continue;
 - (4) details of the circumstances and events leading to any emergency condition, including incidents of loss of sources of radiation;
 - (5) common or scientific chemical name, the CAS number, U.S. Department of Transportation hazard classification, and best estimate of amounts of any and all discharge pollutants, including methodology for calculations and estimates;
 - (6) statement of actual or probable fate or disposition of the pollutant or source of radiation;
 - (7) remedial actions taken, or to be taken, to stop unauthorized discharges or to recover pollutants or sources of radiation.

Please see LAC 33:1.3925.B for additional written notification procedures.

e. Twenty-four Hour Reporting. The permittee shall report any noncompliance which may endanger human health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and; steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit (see LAC 33:IX.2701.M.3.b.);
- (2) Any upset which exceeds any effluent limitation in the permit;
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the state administrative authority in Part II of the permit to be reported within 24 hours (LAC 33:IX.2707.G.).

7. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Section D.4., 5., and 6., at the time monitoring reports are submitted. The reports shall contain the information listed in Section D.6.e.

8. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the state administrative authority, it shall promptly submit such facts or information.

9. Discharges of Toxic Substances

In addition to the reporting requirements under Section D.1-8, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Office of Environmental Services, Permits Division as soon as they know or have reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant:
 - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4 -dinitro-phenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC33:IX.2501.G.7; or
 - (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F.; or
 - ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant:
 - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (1) Five hundred micrograms per liter (500 µg/L);

- (2) One milligram per liter (1 mg/L) for antimony;
- (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC 33:IX.2501.G.7; or
- (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F.; or

ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.

10. Signatory Requirements

All applications, reports, or information submitted to the state administrative authority shall be signed and certified.

a. All permit applications shall be signed as follows:

- (1) For a corporation - by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:

- (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or,
- (b) The manager of one or more manufacturing, production, or operating facilities, provided: the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

NOTE: DEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in Section D.10.a.(1)(a). The agency will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the state administrative authority to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under Section D.10.a.(1)(b). rather than to specific individuals.

- (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or
- (3) For a municipality, state, federal, or other public agency - by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes:

- (a) The chief executive officer of the agency, or
- (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

b. All reports required by permits and other information requested by the state administrative authority shall be signed by a person described in Section D.10.a., or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (1) The authorization is made in writing by a person described in Section D.10.a. of these standard conditions;
- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, (a duly authorized representative may thus be either a named individual or an individual occupying a named position; and,
- (3) The written authorization is submitted to the state administrative authority.

- c. Changes to authorization. If an authorization under Section D.10.b. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section D.10.b. must be submitted to the state administrative authority prior to or together with any reports, information, or applications to be signed by an authorized representative.
- d. Certification. Any person signing a document under Section D.10. a. or b. above, shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

11. Availability of Reports

All recorded information (completed permit application forms, fact sheets, draft permits, or any public document) not classified as confidential information under R.S. 30:2030(A) and 30:2074(D) and designated as such in accordance with these regulations (LAC 33:IX.2323 and LAC 33:IX.6503) shall be made available to the public for inspection and copying during normal working hours in accordance with the Public Records Act, R.S. 44:1 et seq.

Claims of confidentiality for the following will be denied:

- a. The name and address of any permit applicant or permittee;
- b. Permit applications, permits, and effluent data.
- c. Information required by LPDES application forms provided by the state administrative authority under LAC 33:IX.2501 may not be claimed confidential. This includes information submitted on the forms themselves and any attachments used to supply information required by the forms.

SECTION E. PENALTIES FOR VIOLATIONS OF PERMIT CONDITION**1. Criminal****a. Negligent Violations**

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who negligently violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any such provision in a permit issued under the LPDES by the secretary, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$50,000 per day of violation, or imprisonment of not more than two years, or both.

b. Knowing Violations

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any permit condition or limitation implementing any such provisions in a permit issued under the LPDES, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$100,000 per day of violation, or imprisonment of not more than six years, or both.

c. Knowing Endangerment

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any of such provisions in a permit issued under the LPDES by the secretary, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 years, or both. A person which is an organization shall, upon conviction of violating this Paragraph, be subject to a fine of not more than one million dollars. If a conviction of a person is for a violation committed after a first conviction of such person under this Paragraph, the maximum punishment shall be doubled with respect to both fine and imprisonment.

d. False Statements

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the LPDES or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the LPDES, shall, upon conviction, be subject to a fine of not more than \$10,000, or imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this Subsection, he shall be subject to a fine of not more than \$20,000 per day of violation, or imprisonment of not more than 4 years, or both.

2. Civil Penalties

The Louisiana Revised Statutes LA. R. S. 30:2025 provides that any person found to be in violation of any requirement of this Subtitle may be liable for a civil penalty, to be assessed by the secretary, an assistant secretary, or the court, of not more than the cost to the state of any response action made necessary by such violation which is not voluntarily paid by the violator, and a penalty of not more than \$27,500 for each day of violation. However, when any such violation is done intentionally, willfully, or knowingly, or results in a discharge or disposal which causes irreparable or severe damage to the environment or if the substance discharged is one which endangers human life or health, such person may be liable for an additional penalty of not more than one million dollars.

(PLEASE NOTE: These penalties are listed in their entirety in Subtitle II of Title 30 of the Louisiana Revised Statutes.)

SECTION F. DEFINITIONS

All definitions contained in Section 502 of the Clean Water Act shall apply to this permit and are incorporated herein by reference. Unless otherwise specified in this permit, additional definitions of words or phrases used in this permit are as follows:

1. "Clean Water Act" (CWA) means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or the Federal Water Pollution Control Act Amendments of 1972) Pub.L.92-500, as amended by Pub.L. 95-217, Pub.L. 95-576, Pub.L. 96-483 and Pub.L. 97-117, 33 U.S.C. 1251 et. seq.).
2. "Accreditation" means the formal recognition by the department of a laboratory's competence wherein specific tests or types of tests can be accurately and successfully performed in compliance with all minimum requirements set forth in the regulations regarding laboratory accreditation.
3. "Administrator" means the Administrator of the U.S. Environmental Protection Agency, or an authorized representative.
4. "Applicable effluent standards and limitations" means all state and Federal effluent standards and limitations to which a discharge is subject under the Clean Water Act, including, but not limited to, effluent limitations, standards or performance, toxic effluent standards and prohibitions, and pretreatment standards.
5. "Applicable water quality standards" means all water quality standards to which a discharge is subject under the Clean Water Act.
6. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
7. "Commercial Laboratory" means any laboratory that performs analyses or tests for third parties for a fee or other compensation, except those commercial laboratories accredited by the Department of Health and Hospitals in accordance with R.S.49:1001 et seq.
8. "Daily Discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day. Daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily discharge determination of concentration shall be arithmetic average (weighted by flow value) of all samples collected during that sampling day.
9. "Daily Maximum" discharge limitation means the highest allowable "daily discharge" during the calendar month.
10. "Director" means the U.S. Environmental Protection Agency Regional Administrator or an authorized representative.
11. "Environmental Protection Agency" means the U.S. Environmental Protection Agency.
12. "Grab sample" means an individual sample collected in less than 15 minutes.
13. "Industrial user" means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly owned treatment works.
14. "LEQA" means the Louisiana Environmental Quality Act.

15. "Louisiana Pollutant Discharge Elimination System (LPDES)" means those portions of the Louisiana Environmental Quality Act and the Louisiana Water Control Law and all regulations promulgated under their authority which are deemed equivalent to the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act in accordance with Section 402 of the Clean Water Act and all applicable federal regulations.
16. "Monthly Average" (also known as Daily Average), other than for fecal coliform bacteria, discharge limitations means the highest allowable average of "daily discharge(s)" over a calendar month, calculated as the sum of all "daily discharge(s)" measured during a calendar month divided by the number of "daily discharge(s)" measured during that month. When the permit establishes monthly average concentration effluent limitations or conditions, and flow is measured as a continuous record, the monthly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar month where C = daily discharge concentration, F = daily flow and n = number of daily samples; monthly average discharge =

$$\frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

The monthly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.

17. "National Pollutant Discharge Elimination System" means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of the Clean Water Act.
18. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
19. "Sewage sludge" means the solids, residues, and precipitates separated from or created in sewage by the unit processes of a publicly owned treatment works. Sewage as used in this definition means any wastes, including wastes from humans, households, commercial establishments, industries, and storm water runoff, that are discharged to or otherwise enter a publicly owned treatment works.
20. "Treatment works" means any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage and industrial wastes of a liquid nature to implement Section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances, extension, improvement, remodeling, additions, and alterations thereof.
21. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
22. For fecal coliform bacteria, a sample consists of one effluent grab portion collected during a 24-hour period at peak loads.
23. The term "MGD" shall mean million gallons per day.
24. The term "mg/L" shall mean milligrams per liter or parts per million (ppm).
25. The term "µg/L" shall mean micrograms per liter or parts per billion (ppb).

26. "Weekly average", other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week. The weekly average for fecal coliform bacteria is the geometric mean of the daily discharges over a calendar week.
27. "12-hour composite sample" consists of 12 effluent portions collected no closer together than one hour and composited according to flow. The daily sampling intervals shall include the highest flow periods.
28. "6-hour composite sample" consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.
29. "3-hour composite sample" consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.
30. "24-hour composite sample" consists of a minimum of 12 effluent portions collected at equal time intervals over the 24-hour period and combined proportional to flow or a sample collected at frequent intervals proportional to flow over the 24-hour period.

**FACT SHEET
FOR GENERAL PERMIT NO. LAG380000
POTABLE WATER TREATMENT PLANTS GENERAL PERMIT**

FACT SHEET FOR THE DRAFT LOUISIANA POLLUTANT DISCHARGE
ELIMINATION SYSTEM (LPDES) PERMIT TO DISCHARGE WASTEWATERS
FROM POTABLE WATER TREATMENT PLANTS TO WATERS OF THE
STATE OF LOUISIANA.

Permit No. LAG380000

Issuing Office: State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Permits Division
Minor Industrial and Municipal Permit Section

Prepared By: Yvonne Wingate
(LAC 33:IX.3111.B.7) Minor Industrial and Municipal Permit Section
Permits Division
(225) 219-3111

Permit Action: Reissuance of a General Permit for discharges
of wastewater from potable water treatment
plants.

Date Prepared: August 9, 2004

I. COVERED ACTIVITY (LAC 33:IX.3111.B.1, 2)

This LPDES permit is being reissued and will replace the LPDES general permit for Potable Water Treatment Plans LAG380000 which became effective on January 14, 2000 and expires on January 13, 2005. The reissued permit shall cover potable water treatment plants at any type of manufacturing, government, or commercial installation. This permit is required for each treatment site. A water system with several sources of raw water with separate treatment facilities shall be issued coverage under this permit on a site specific basis. A Notice of Intent must be submitted for each site.

Wastewater from Potable Water Treatment Plants:

- (1) Filter Backwash: water from the reverse flow through a filter used to unclog or clean the filter media.

- (2) Clarifier Blowdown: water discharged from a clarifier for the purpose of reducing the suspended solids concentration.
- (3) Clarifier sludge: sludge from the clarifier that has less water content than clarifier blowdown that is discharged for the purpose of removing solids from the bottom of the clarifier. Same as clarifier blowdown with less water content.
- (4) Water Softening Wastewater: water discharged from the recharging of the zeolite media with a brine solution in an ion exchange column used to soften water. Also the water discharged from the dewatering of lime or lime and soda ash sludge used to soften water.
- (4) Iron and Manganese Removal Wastewater: wastewater from the backwashing of filters after oxidizing chemicals have been added to the source water to precipitate iron and manganese. Also the water discharge from the dewatering of lime or lime and soda ash sludge used to remove iron and manganese.

II. DISCHARGE DESCRIPTION (LAC 33:IX.3111.B.2)

The permit may cover discharges of filter backwash, clarifier blowdown, water softening, iron and manganese removal, and wastewater that results from the disinfection of source water to produce potable water for household or industrial consumption. This permit authorizes discharge of the following types of wastewaters.

- 1) Potable Water Treatment Plant Filter Backwash and Clarifier Blowdown (Raw Water From Surface Waterbodies)
- 2) Potable Water Treatment Plant Filter Backwash and Clarifier Blowdown (Raw Water From Groundwater Sources)
- 3) Water Softening Recharge/Rinse Waters and Dewatering of Lime and Lime/Soda Ash Sludge Used to Soften Water
- 4) Potable Water Iron and Manganese Removal Filter Backwash and Dewatering of Lime and Lime/Soda Ash Sludge Used to Remove Iron and Manganese
- 5) Treated Sanitary Wastewater

This permit shall not apply to facilities:

- 1) which are likely to have adverse effects upon threatened or endangered species, or on the critical habitat for these species as determined by the U.S. Fish and Wildlife Service (USFWS);
- 2) which adversely affect properties listed or eligible for listing in the National Register of Historic Places, unless they are in compliance with requirements of the National Historic Preservation Act and any necessary activities to avoid or minimize impacts have been coordinated with the appropriate State Historic Preservation Officer; *(If in doubt the operator should contact the National Register Coordinator, Division of Historic Preservation, Office of Cultural Development, P. O. Box 44247, Baton Rouge, LA 70404 or telephone (225) 342-8160.)*
- 3) discharging wastewaters determined by this Office to present an environmental risk or potential risk of discharging pollutants other than is intended to be regulated by this permit;
- 4) producing discharges which cause or contribute to a violation of a state water quality standard;
- 5) producing discharges that are mixed with other, non-covered discharge types unless those other discharges are in compliance with another LPDES permit;
- 6) producing and/or receiving wastewater from sources other than those described above;
- 7) which discharge or have the potential to discharge substances that are not addressed by or would not be adequately detected by the effluent limitations in this permit; or
- 8) required by the Louisiana Water Quality Management Plan to have more stringent effluent limitations.

This general permit **may not** apply to facilities:

- 1) which are not in compliance with a previously issued individual or general wastewater discharge permit;
- 2) which have previously been in violation of state water quality regulations; or
- 3) which are located in an environmentally sensitive area.

III. DISCHARGE LOCATION (LAC 33:IX.6519.1)

Within the geographic boundaries of the State of Louisiana.

IV. RECEIVING STREAM/USES (LAC 33:IX.6519.2)

A covered discharge may discharge to or flow to any waterbody within the geographic boundaries of the State of Louisiana, as defined in LAC 33:IX.1123 and 2313.

The possible uses of the receiving streams are:

Primary Contact Recreation
Secondary Contact Recreation
Propagation of Fish and Wildlife
Limited Aquatic Life and Wildlife Use
Drinking Water Supply
Oyster Propagation
Agriculture
Outstanding Natural Resource Waters

V. EFFLUENT LIMITATIONS AND/OR CONDITIONS

The specific effluent limitations and/or conditions will be found in the draft permit. Development of permit limits is detailed in the Draft Permit Rationale section below.

VI. DRAFT PERMIT RATIONALE (LAC 33:IX.3111.B.4, LAC 33:IX.3305.B.1.d)

The following section sets forth the principal facts and the significant factual, legal, methodological, and policy questions considered in preparing the draft permit. The effluent limitations and/or conditions are a continuation of those implemented in the LPDES General Permit for Potable Water Treatment Plants (LAG380000) issued January 14, 2000.

A. TECHNOLOGY-BASED VERSUS WATER QUALITY STANDARDS-
BASED EFFLUENT LIMITATIONS AND CONDITIONS

Following regulations promulgated in LAC 33:IX.2707.L.2.b/40 CFR Part 122.44(1)(2)(ii), the draft permit limits are based on either technology-based effluent limits pursuant to LAC 33:IX.2707.A/40 CFR Part 122.44(a) or on State water quality standards and requirements pursuant to LAC 33:IX.2707.D/40 CFR Part 122.44(d), whichever are more stringent.

The technology limits as are not expected to cause exceedance of water quality standards in the receiving water. Because flows will vary, effluent limitations are established in terms of daily maximum concentrations, and will be concentration limits rather than mass limits, as allowed in LAC33:IX.2709.F.1.c - "limitations expressed in terms of mass are infeasible . . . and permit conditions ensure that dilution will not be used as a substitute for treatment."

B. WATER QUALITY-BASED EFFLUENT LIMITATIONS AND CONDITIONS

1. GENERAL COMMENTS

Regulations promulgated at LAC 33:IX.2707.D/40 CFR Part 122.44(d) require water quality-based effluent limitations to be placed in LPDES permits whenever water quality-based effluent limitations are more stringent than technology-based effluent limitations in order to achieve water quality standards under section 303 of the Clean Water Act, including State narrative criteria for water quality.

The draft permit limits and conditions are equivalent to those in the current LPDES Potable Water Treatment Plant General Permit (LAG380000), issued January, 14 2000. There is one major difference from the previous permit. TMDL language was not included in Potable Water Treatment Plant General Permit issued on January 14, 2000. The State Water Quality Standards section of this version of the potable water treatment plant general permit includes TMDL information.

2. LIMITED PARAMETERS

SCHEDULE A: Potable Water Treatment Plant Filter Backwash, Clarifier Blowdown, Water Softening, Iron and Manganese Removal, and Disinfection of Source Water (Raw Water From Surface Waterbodies)

SCHEDULE B: Potable Water Treatment Plant Filter Backwash, Clarifier Blowdown, Water Softening, Iron and Manganese Removal, and Disinfection of Source Water (Raw Water From Groundwater Sources)

Chlorides: When removing hardness from source water by ion exchange, a sodium chloride solution is used to recharge the zeolite in the column. When this solution is passed through the column, the sodium ions replace the metal ions (Ca, Mg, and other bivalent metal ions) that have been removed from the source water by the zeolite material. The metals in the zeolite attach to the chloride ions and are removed from the column with the recharge water and rinse water. The discharge of recharge and rinse water that results is high in chlorides. Therefore, a chloride limitation of 250 mg/L is being required. This water quality-based effluent limitation is derived from LAC 33:IX.1113.C.2 which establishes general criteria for chlorides. The regulation states that a discharge shall not cause in-stream concentrations of chlorides to exceed 250 mg/L. This limitation was selected because many of the potable water treatment plants will be discharging to no flow or low flow streams. In these cases the limitation must apply to the end of pipe discharges in order to assure that water quality is maintained in the receiving streams. This limitation is also being applied to all other facilities covered by this general permit including those that discharge to high and moderate flow streams. Because a general permit must set standard conditions that apply to all facilities with coverage under the permit, facilities that are located on moderate to high flow streams may find this limit more stringent than water quality limits which would be established specifically for the receiving stream. However, if this proves to be a burden on the facility, an individual permit may be requested. Facilities located on streams that require a chloride limitation more stringent than 250 mg/L will receive an individual permit based on water quality.

Total Recoverable Iron: Monitoring and reporting have been included for the discharge of wastewater that results from iron and manganese removal. This discharge, if not properly handled, can violate the narrative criteria for color and aesthetics found in LAC 33:IX.1113.B.1 and 2. Wastewater discharged as a result of iron and manganese removal from source water shall be monitored for Total Recoverable Iron if an iron removal treatment unit is used. Should the monitoring indicate a potential or real impact on the receiving stream from this discharge, an individual permit will be issued and coverage under the general permit will be revoked.

Since manganese and iron are removed by the same methods, only iron is being sampled as an indicator of the combined manganese-iron discharge in order to evaluate the water quality impact on the receiving stream. According to the Draft Development Document For Effluent Limitations and Standards of Performance, Water Supply Industry, March 1975, most of the iron and manganese removed from source waters will be precipitated as insoluble hydroxides in the removal process. Therefore, the discharge of these metals will also be controlled by technology limitations for total suspended solids.

C. TECHNOLOGY-BASED EFFLUENT LIMITATIONS AND CONDITIONS
(LAC 33:IX.3111.B.4)

1. GENERAL COMMENTS

Regulations promulgated in LAC 33:IX.2707.A/40 CFR Part 122.44(a) require technology-based effluent limitations to be placed in LPDES permits based on effluent limitations guidelines where applicable, on BPJ (best professional judgment) in the absence of guidelines, or on a combination of the two. For the covered discharges, no effluent limitation guidelines have been promulgated.

2. LIMITED PARAMETERS

SCHEDULE A: Potable Water Treatment Plant Filter Backwash, Clarifier Blowdown, Water Softening, Iron and Manganese Removal, and Disinfection of Source Water (Raw Water From Surface Waterbodies)

- a. Total Suspended Solids: This effluent limitation has been included based on BPJ, the LPDES Potable Water Treatment Plant General Permit and previously issued industrial individual permits for these facilities. This limit has historically been set at a secondary level of treatment and over the years has become established as the technology limitation. This effluent limitation does not apply to clarifier and filter backwash that is returned to the same waterbody from which it came unless this Office makes a determination that the receiving stream does not have sufficient flow to receive the wastewater. If the discharge goes to a waterbody other than the one from which the source water was obtained, then the TSS limits apply.

- b. Clarifying Agents Used: This Office has historically

required these facilities to report the clarifying agent and amount used in the water treatment process. This requirement is based on BPJ, the LPDES Potable Water Treatment Plant General Permit and previously issued industrial individual permits.

- c. pH: This limitation has historically been required in individual permits for this activity. This technology limitation will also assure compliance with LAC33:IX.1113.C.1 of the water quality standards. Therefore, this limit is being included based on BPJ, the LPDES Potable Water Treatment Plant General Permit, LPDES Class I General Sanitary Permit, and previously issued industrial individual permits, and LAC 33:IX.1113.C.1.

SCHEDULE B: Potable Water Treatment Plant Filter Backwash, Clarifier Blowdown, Water Softening, Iron and Manganese Removal, and Disinfection of Source Water (Raw Water From Groundwater Sources)

- a. Total Suspended Solids: This effluent limitation has been included based on BPJ, LPDES Potable Water Treatment Plant General Permit, and previously issued individual industrial permits for these facilities. This limit has historically been set at a secondary level of treatment and over the years has become established as the technology limitation. However, higher TSS limitations are being allowed on the Mississippi, Atchafalaya, and Red Rivers or any other receiving stream with a flow equal to or greater than the 7Q10 critical flow for the Red River at Shreveport (1,275 cfs). The increased TSS levels are being allowed because a review of the water quality data for these streams when preparing the Sand and Gravel General Permit indicated that this level of suspended solids will not be detrimental to the water quality of these rivers when considering the high background levels of suspended solids found in these rivers. The settling ponds that are commonly used for treatment of suspended solids at potable water plants, may also have elevated values for TSS from algae growth as do oxidation ponds used to treat sanitary sewage. Therefore, the higher TSS limitations allowed for sanitary discharges in the Class II Sanitary General Permit are being required for these facilities.

- b. Clarifying Agents Used: This Office has historically

required these facilities to report the clarifying agent and amount used in the water treatment process. This requirement is based on BPJ, LPDES Potable Water Treatment Plant General Permit, and previously issued individual industrial permits.

- c. pH: This limitation has historically been required in individual permits for this activity. This technology limitation will also assure compliance with LAC 33:IX.1113.C.1 of the water quality standards. Therefore, this limit is being included based on BPJ, LPDES Potable Water Treatment Plant General Permit, and previously issued individual industrial permits, and LAC 33:IX.1113.C.1.

SCHEDULE C: Treated Sanitary Discharge Under 5,000 GPD

- a. BOD₅: This limitation is based on the technology effluent limitation (secondary level of treatment) derived from the LPDES Class I General Sanitary Permit (LAG530000).
- b. Total Suspended Solids: This limitation is based on the technology effluent limitation (secondary level of treatment) derived from the LPDES Class I General Sanitary Permit (LAG530000).
- c. Fecal coliform colonies/100 ml: This limitation is based on the technology effluent limitation (secondary level of treatment) derived from the LPDES Class I General Sanitary Permit (LAG530000).
- d. pH: This limitation is based on the technology effluent limitation (secondary level of treatment) derived from the LPDES Class I General Sanitary Permit (LAG530000).

D. MONITORING FREQUENCIES FOR LIMITED PARAMETERS

Regulations require permits to establish monitoring requirements to yield data representative of the monitored activity (LAC 33:IX.2369/40 CFR 122.48(b)) and to assure compliance with permit limitations (LAC 33:IX.2707.I.1/40 CFR 122.44(i)(1)).

The draft permit establishes monitoring frequencies at once per month and once per three (3) months for potable water treatment plant wastewater outfalls (raw water from surface waterbodies and raw water from groundwater sources). Sanitary wastewater outfalls

which discharge less than 5,000 GPD shall be monitored once per six (6) months.

VII. FINAL DETERMINATION

This agency has determined that discharges covered by this authorization are de minimus in volume and nature and thus do not pose any reasonable potential to cause or contribute to any existing water quality or 303(d) listed impairment.

The effluent limitations and monitoring requirements of this permit are adequate to protect for the designated uses and water quality standards of Louisiana.

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to issue a permit for the discharges described above in Sections I and II.

VIII. PUBLIC NOTICES (LAC 33:IX.3111.B.6)

The public notice describes the procedures for the formulation of final determinations.

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address which will be included in the public notice.

A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

THE ADVOCATE of Baton Rouge
LAKE CHARLES AMERICAN PRESS
DAILY ADVERTISER of Lafayette
The TIMES of Shreveport
THE TIMES PICAYUNE of New Orleans
THE NEWS-STAR of Monroe
THE TOWN TALK of Alexandria
The COURIER of Houma

Office of Environmental Services Public Notice Mailing List

IX. ENDANGERED SPECIES ACT:

The limitations on these discharges are sufficiently stringent to assure state water quality standards, both aquatic life and human health protection, will be met. The effluent limitations established in these permits ensure protection of aquatic life and maintenance of the receiving water as an aquatic habitat. The state finds that adoption of the permit is unlikely to adversely affect any threatened or endangered species or its critical habitat. LDEQ has received written concurrence for the prior permit from the United States Fish and Wildlife Service on this determination in a letter dated September 12, 2003. Concurrence for the permit has been requested.

X. NATIONAL HISTORIC PRESERVATION ACT

As set forth in the National Pollutant Discharge Elimination System Memorandum of Understanding between the LDEQ and the United States Environmental Protection Agency (U.S. EPA), LDEQ will consult with the Louisiana State Historic Preservation Officer in accordance with Section 106 of the National Historic Preservation Act. All NOIs for proposed facilities will be sent to the State Historic Preservation Officer to determine whether the discharge or construction-related activities could potentially affect sites or properties on or eligible for listing on the National Register of Historic Places. Proposed facilities which may adversely affect these properties will not be authorized to discharge under this general permit, and the applicant will be notified in writing by the Secretary or his designee that coverage under this general permit has been denied.

XI. FEES

The annual maintenance and surveillance fee for the Potable Water Plants General Permit will be \$345.00. A twenty percent surcharge will be added to the annual fee (total fee of \$414.00) of all facilities located in the following basins: Atchafalaya River, Barataria, Lake Pontchartrain, Mississippi River, or Terrebonne. Monies collected through this surcharge are deposited in the Oyster Sanitation Fund, which is used to support molluscan sanitation efforts.

XII. IMPLEMENTATION

Appendix A will be used in the issuance of this permit which will assign outfall numbers to the discharge points at each facility, and also will state which set of effluent limitations and monitoring requirements should be followed for each outfall.

XIII. SCHEDULE OF COMPLIANCE

The permittee is to attain compliance with the permit limitations and conditions on the date of authorization of coverage under this permit.

XIV. STATE WATER QUALITY NUMERICAL STANDARDS

The general criteria and numerical criteria which make up the stream standards are provided in the "Louisiana Surface Water Quality Standards", (LAC 33:IX.1113, amended as of September 1989, March 1991, April 1994, August 1994, July 1995, November 1996, October 1998, and October 2000).

In order to protect the water quality of the receiving stream, a chloride limitation of 250 mg/L is being required for discharges from zeolite recharge and rinse waters in accordance with LAC 33:IX.1113.C.2. Although this general criteria establishes this limit after mixing, this general permit is requiring the limit be met at the end of pipe due to the number of facilities eligible for this general permit that are located on no flow or low flow streams.

A monitoring and report requirement has been included for the discharge of wastewater that results from iron and manganese removal. This discharge, if not properly handled, can violate the narrative criteria for color and aesthetics found in LAC 33:IX.1113.B.1. Should the monitoring indicate a potential or real impact on the receiving stream from this discharge, an individual permit will be issued and coverage under the general permit will be revoked.

The permit would require as an eligibility condition that covered discharges not cause or have the reasonable potential to cause or contribute to a violation of a state water quality standard. If a discharge is known to be doing such the operator must seek coverage under an alternative permit. Where a discharger is already operating under the permit and is later discovered to cause or have the reasonable potential to cause or contribute to the violation of a state water quality standard, the permitting authority will notify

the operator of such violation(s) and the permittee shall take all necessary actions to ensure future discharges do not cause or contribute to the violation of a water quality standard and document these actions in the pollution prevention plan. If violations remain or recur then coverage under the permit will be terminated after alternate coverage is obtained. Compliance with this requirement does not preclude any enforcement activity as provided by the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.) for the underlying violation. A permit reopener clause is included in the permit.

Should any TMDLs and wasteload allocations which address these discharges be developed, this Office will implement these requirements within the required time frames. Coverage under the permit may be denied and regulation under an individual permit required.

Also, for the purpose of assuring that state water quality standards are achieved, the following language is being included in the general permit (Part II, Section J) along with a reopener clause (Part II, Section H).

"LAC 33:IX.1113 describes numerical and general criteria that apply to all water bodies of the State. Criteria are elements of the water quality which set limitations on the permissible amounts of a substance or other characteristics of State waters. The General Criteria, as described in the Louisiana Administrative Code, limit discharges to maintain aesthetics, color, turbidity, the biologic and aquatic community integrity, and many other elements in the receiving water body. Any excursion with the Numerical or General Criteria which results from this facility's discharge shall be a violation of this permit."

"To comply with the requirements of LAC 33:IX.2317.A.9, this permit does not authorize any discharge from a facility which is classed as a new source or new discharge, as defined at LAC 33:IX.2313, if the discharge will cause or contribute to the violation of water quality standards. Discharges from facilities permitted under LPDES general permits typically consist of discharges that are intermittent in nature. This general permit is applicable to very specific types of facilities and allows very limited types of discharges that specifically occur at facilities that are eligible for coverage under this permit. The permit effluent limitations and other conditions are determined to be sufficient to assure protection to state waters. New source discharges or new discharges of wastewater from a facility

whose discharges are in compliance with the general permit requirements should not adversely impact water quality of 303(d) listed impaired water bodies nor should they cause or contribute to the violation of state water quality standards in receiving water bodies throughout the state, including 303(d) impaired water bodies. Allowing coverage under this general permit will not negatively impact the water quality of receiving streams because permitted facilities are required to be in compliance with the general permit requirements immediately upon coverage by the permit. In accordance with Part II.H and II.O.1 measures can be taken by the permitting authority to prohibit any discharge that is not protective of state water quality standards."

The parameters and limits contained in the draft permit will offer adequate protection to any streams listed on the LDEQ Section 303(d) List of Impaired Waterbodies. DO impacted streams will be adequately protected by the BOD and COD limitations placed in the permit.

XV. SITE RUNOFF

The following language is being continued from the previous general permit as a BPJ effluent limitation for site runoff.

This permit does not in any way authorize the permittee to discharge a pollutant not listed or quantified in the notice of intent or as otherwise authorized in the permit. **Any runoff leaving the site, other than the permitted outfalls, exceeding 50 mg/L TOC, 15 mg/L Oil & Grease, or having a pH less than 6.0 or greater than 9.0 standard units shall be a violation of this permit.** A visual inspection of the facility shall be conducted and a report made annually in accordance with the conditions listed below to determine if any discharges other than those covered under this permit exist. If other discharges are discovered, a permit modification request shall be submitted immediately upon discovery.

1. The permittee shall conduct an annual inspection of the facility site to identify any process wastewater and storm water discharges from the facility that are not covered under this permit. Storm water discharges shall be evaluated to determine if pollution prevention practices are adequate or need to be initiated in order to reduce pollutant loading.
2. The permittee shall prepare and maintain for a period of three years a report summarizing the results of the inspection and a certification that the facility is in compliance with this permit and identifying any incidents of noncompliance. The

summary report should contain, at a minimum, the date and time of inspection, name of inspector(s), conditions found, and changes to be made to the permit.

3. The summary report and the following certification shall be signed in accordance with LAC 33:IX.2503. The summary report is to be retained by the facility and provided to this Office upon request.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signatory requirements for the certification may be found in Part III, Section D.10 of this permit.

The language contained in the permit regarding site runoff will assure protection from potentially contaminated site storm water runoff. These technology levels have been included in the Final Louisiana Pollutant Discharge Elimination System Storm Water Multi-Sector General Permit for Industrial Activities issued May 1, 2001.